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NPIC-FM 30 (REV 4-65)

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OUT57772

1966 FEB 16 05 42Z

P 160525Z  
FM NPIC  
TO DIRNSA  
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*multi*

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16 FEB 1966

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TOP SECRET

CITE NPIC 6490.

CONTINUING ANALYSIS OF MISSION 4024 INDICATES THAT THERE  
ARE 2 POSSIBLE THREE DIMENSIONAL GUIDANCE RADARS POSITIONED AT

TOP SECRET

---2---

ELECTRONIC SITE B, LAUNCH COMPLEX A, SARY SHAGAN ANTIMISSILE TEST CENTER, USSR. THE ANTENNA REFLECTING SURFACE APPEARS CIRCULAR AS SEEN IN THE PLAN VIEW AND RECTANGULAR IN A FRONT ELEVATION VIEW. MEASURAL DATA IS ONLY APPROXIMATE BUT THUS FAR INDICATES THE REFLECTOR IS ABOUT 20 FEET HIGH [REDACTED] TOTAL ANTENNA HEIGHT INCLUDING THE TRANSPORT VAN ATOP WHICH THE ANTENNA IS MOUNTED [REDACTED]. THE FEED IS RECTANGULAR ABOUT [REDACTED] [REDACTED] AND POSITIONED IN THE CENTER AND EXTENDING OUT AT A RIGHT ANGLE THUS BISECTING THE REFLECTOR SURFACE. THE REFLECTOR SURFACE APPEARS TO BE SOLID. A COMPARISON OF U.S. ANTENNA OF SIMILAR DESIGN INDICATES A PENCIL BEAM ANTENNA THAT ACHIEVES RANGE AND AZIMUTH THROUGH MECHANICAL ROTATION AND ELEVATION COVERAGE BY ELECTRONIC SCANNING.

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~~TOP SECRET~~ [REDACTED]

END OF MESSAGE